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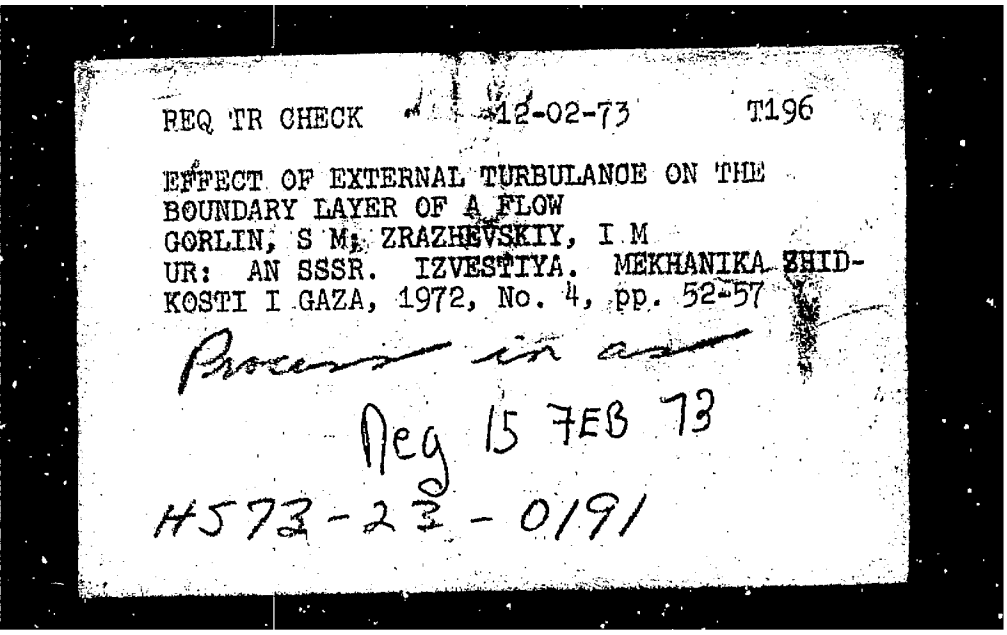


REQ TR CHECK 12-02-73 T196

EFFECT OF EXTERNAL TURBULANCE ON THE BOUNDARY LAYER OF A FLOW
GORLIN, S M; ZRAZHEVSKIY, I M
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1972, No. 4, pp. 52-57

Process in at
Neg 15 FEB 73
H573-23-0191

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

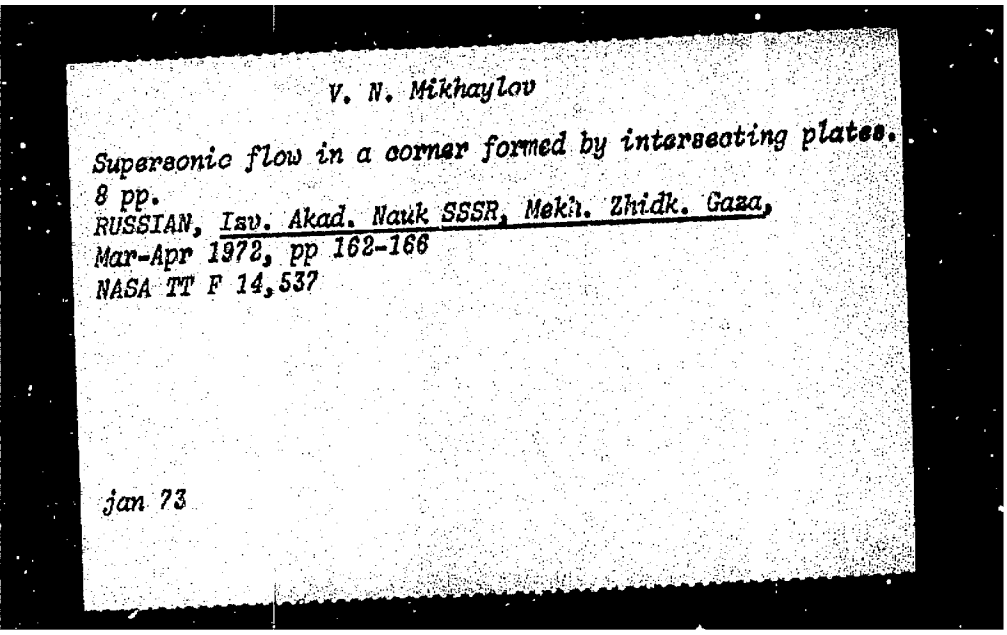
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

Experimental and Theoretical Study of a Supersonic Wall Jet in a Supersonic Wake Flow, by
G. N. Abramovich
IZV. MEKHANIKA ZHID I GAZA, No 4, 1972, pp 25-32.
APL/JHU-T-2730

Apr 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



V. N. Mikhaylov

Supersonic flow in a corner formed by intersecting plates.
8 pp.
RUSSIAN, Izv. Akad. Nauk SSSR, Mekh. Zhidk. Gaza,
Mar-Apr 1972, pp 162-166
NASA TT F 14,537

jan 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

M. SH. GITERMAN

Internal Gravitational Waves and Convective Instability of a Liquid, by M. Sh. Giterman.
RUSSIAN, per, Izv AN SSSR, Mekhanika Zhid i Gaza,
No 2, 1972, pp 54-61.
NAVY/APL/JHU-T-2683

Nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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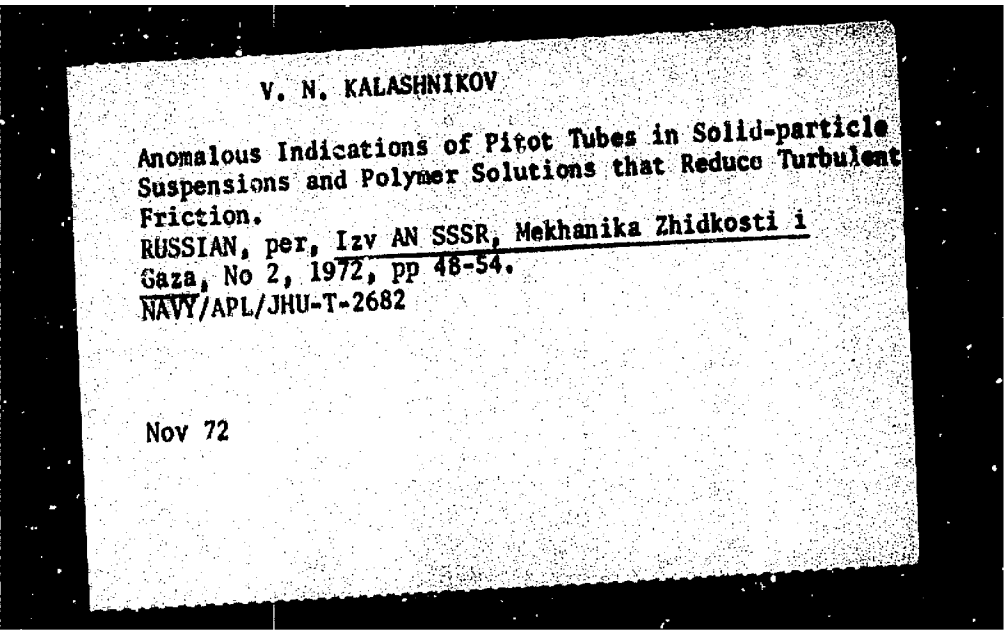


V. N. KALASHNIKOV

Anomalous Indications of Pitot Tubes in Solid-particle Suspensions and Polymer Solutions that Reduce Turbulent Friction.

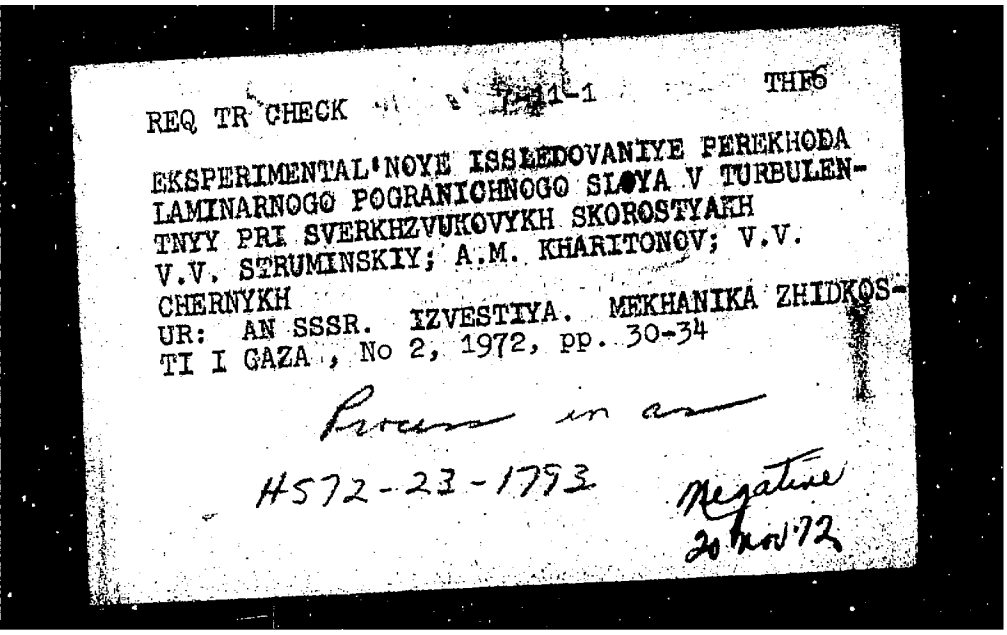
RUSSIAN, per, Izv AN SSSR, Mekhanika Zhidkosti i Gaza, No 2, 1972, pp 48-54.

NAVY/APL/JHU-T-2682

Nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ TR CHECK 7-11-1 THE6

EKSPERIMENTAL'NOYE ISSLEDOVANIYE PEREKHODA LAMINARNOGO POGRANICHNOGO SLOYA V TURBULENTNYY PRI SVERKHZVUKOVYKH SKOROSTYAKH
V.V. STRUMINSKIY; A.M. KHARITONOV; V.V. CHERNYKH
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA , No 2, 1972, pp. 30-34

Press in ar

H572-23-1793 Negative 20 Nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

REQUEST TR CHECK 16-8-9 TGF3

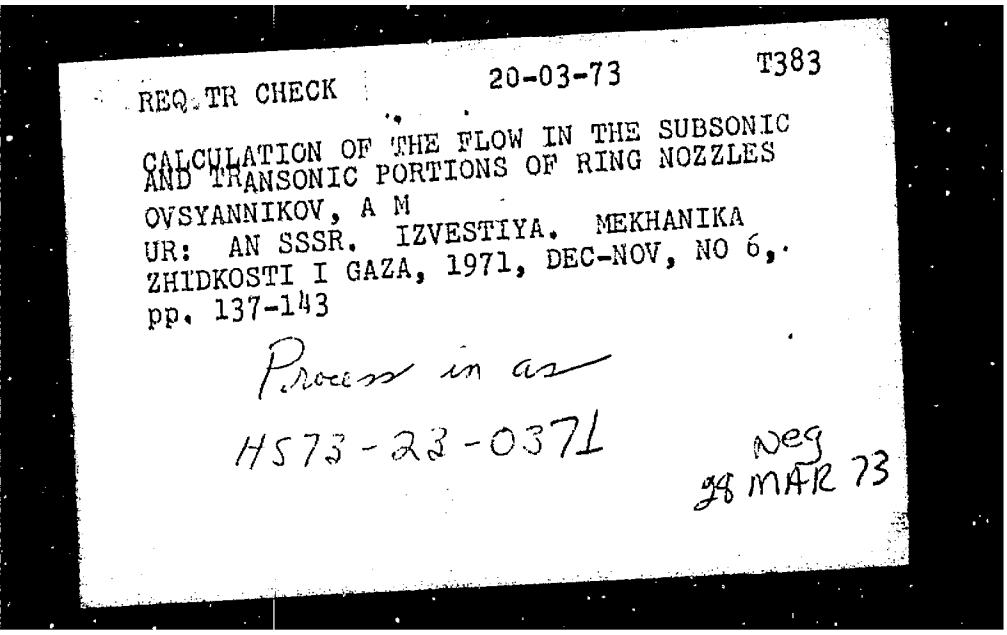
EXPERIMENTAL INVESTIGATION OF THE INFLUENCE OF THE TANGENTIAL BLOWING AND WALL COOLING ON SEPARATED FLOW
GRIN V T; ZAKHAROV N N
UR: AN SSSR: IZVESTIYA MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 6, pp 143-147

~~C/c Atomic Ltr~~

Process in as
4572-23-1461
30 Aug 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ. TR CHECK 20-03-73 T383

CALCULATION OF THE FLOW IN THE SUBSONIC AND TRANSONIC PORTIONS OF RING NOZZLES

OVSYANNIKOV, A M

UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, DEC-NOV, NO 6, pp. 137-143

Process in as

H573-23-0371

Neg 28 MAR 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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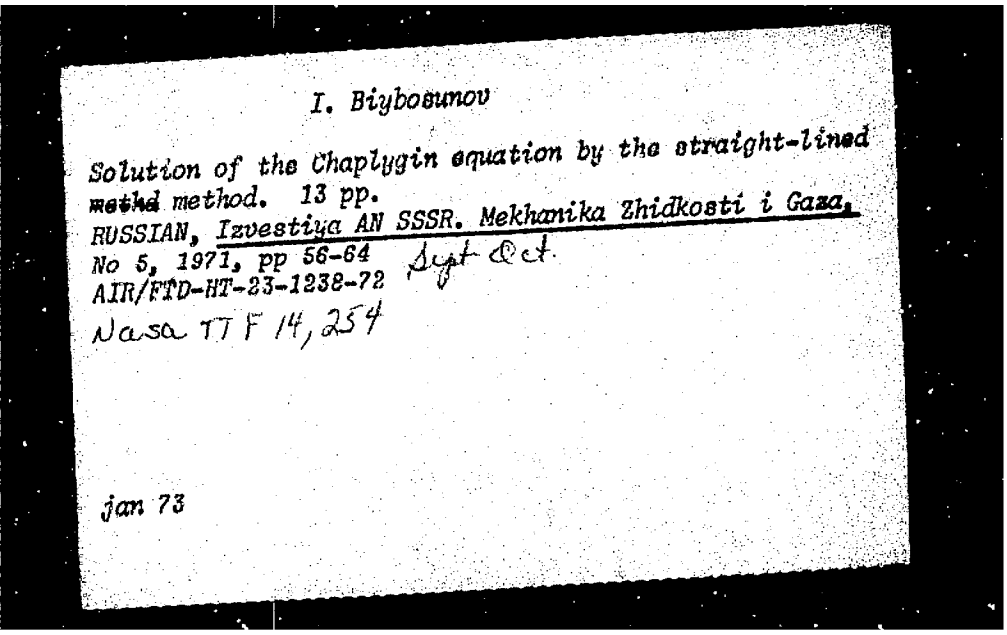


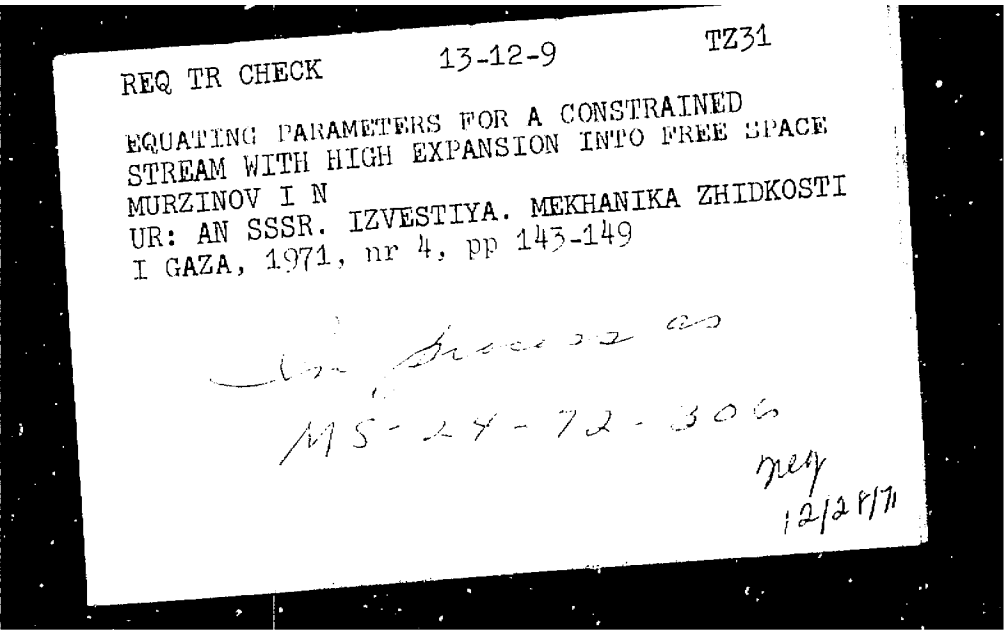
I. Biybosunov

Solution of the Chaplygin equation by the straight-lined ~~metha~~ method. 13 pp.
RUSSIAN, Izvestiya AN SSSR. Mekhanika Zhidkosti i Gaza,
No 5, 1971, pp 56-64 Sept Oct
AIR/FTD-HT-23-1238-72
Nasa TT F 14,254

jan 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ TR CHECK 13-12-9 TZ31

EQUATING PARAMETERS FOR A CONSTRAINED STREAM WITH HIGH EXPANSION INTO FREE SPACE
MURZINOV I N
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 4, pp 143-149

MS-24-72-306

12/21/71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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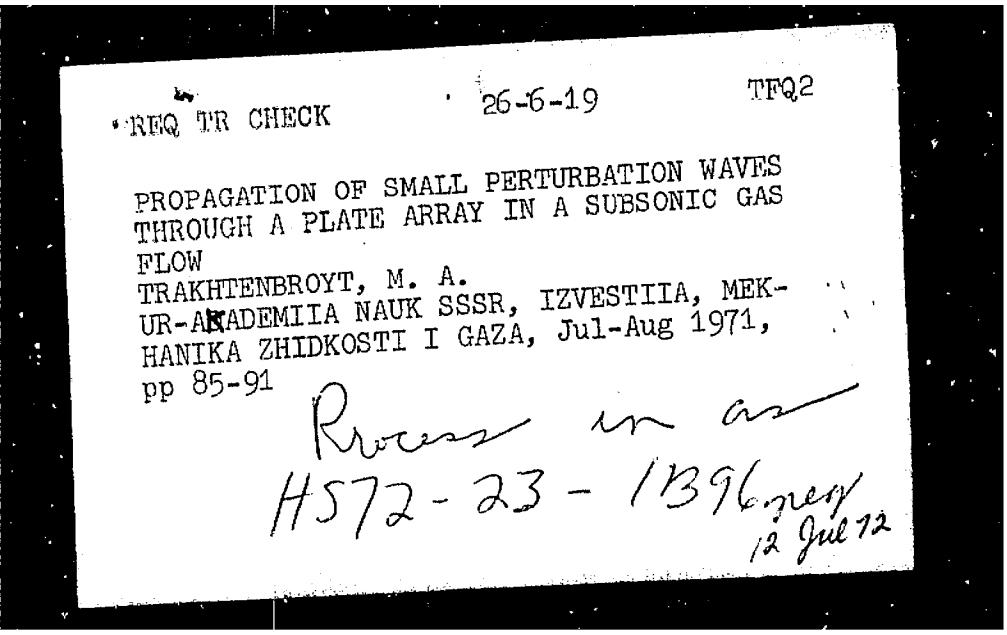


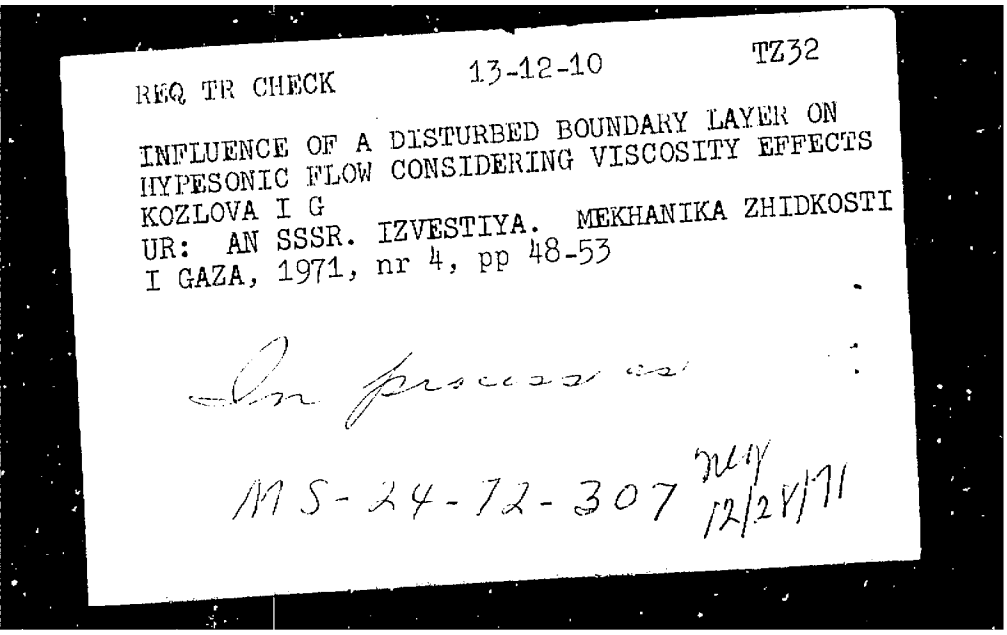
REQ TR CHECK 26-6-19 TFQ2

PROPAGATION OF SMALL PERTURBATION WAVES THROUGH A PLATE ARRAY IN A SUBSONIC GAS FLOW
TRAKHTENBROYT, M. A.
UR-AKADEMIIA NAUK SSSR, IZVESTIIA, MEKHANIKA ZHIDKOSTI I GAZA, Jul-Aug 1971, pp 85-91

Recvd in as
H572-23-1396 rep
12 Jul 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ TR CHECK 13-12-10 TZ32

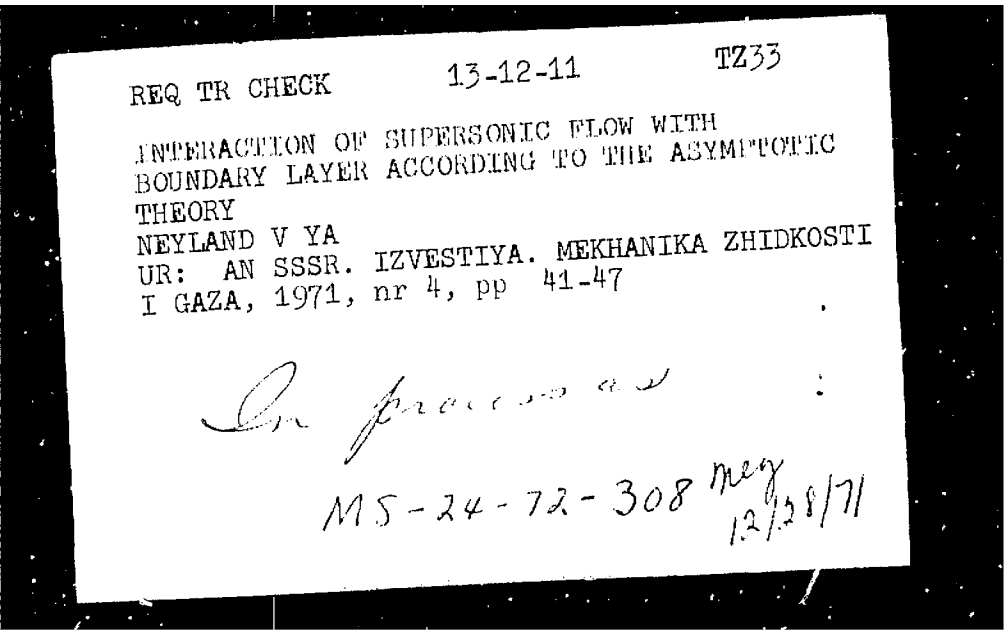
INFLUENCE OF A DISTURBED BOUNDARY LAYER ON HYPESONIC FLOW CONSIDERING VISCOSITY EFFECTS
KOZLOVA I G
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 4, pp 48-53

In process

MS-24-72-307 MH 12/21/71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ TR CHECK 13-12-11 TZ33

INTERACTION OF SUPERSONIC FLOW WITH BOUNDARY LAYER ACCORDING TO THE ASYMPTOTIC THEORY

NEYLAND V YA

UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 4, pp 41-47

MS-24-72-308 mey 12/28/71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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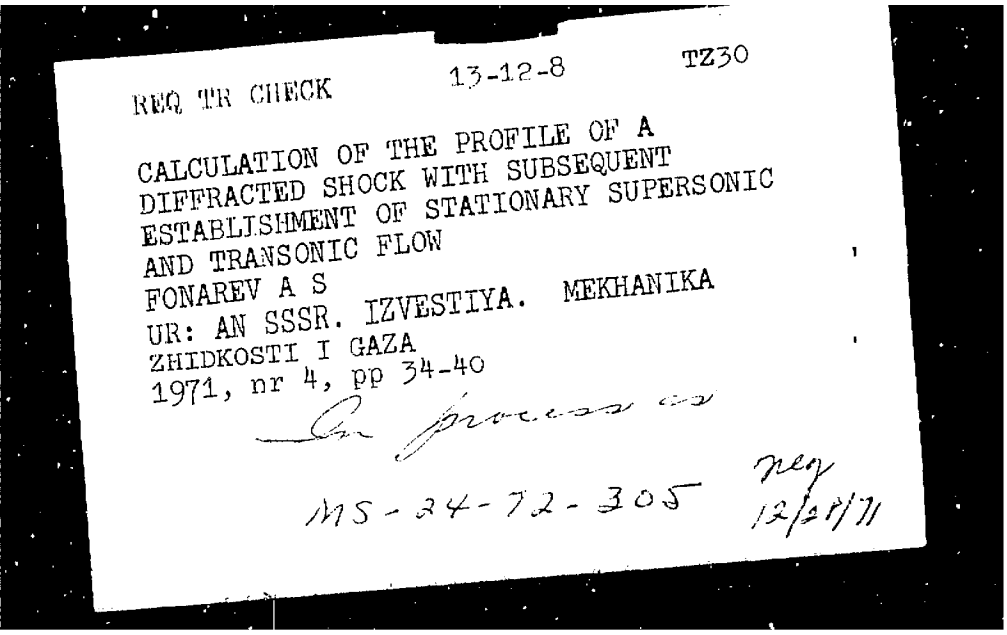

REQ TR CHECK 13-12-8 TZ30

CALCULATION OF THE PROFILE OF A DIFFRACTED SHOCK WITH SUBSEQUENT ESTABLISHMENT OF STATIONARY SUPERSONIC AND TRANSONIC FLOW

FONAREV A S

UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA

1971, nr 4, pp 34-40

MS-24-72-305 req 12/21/71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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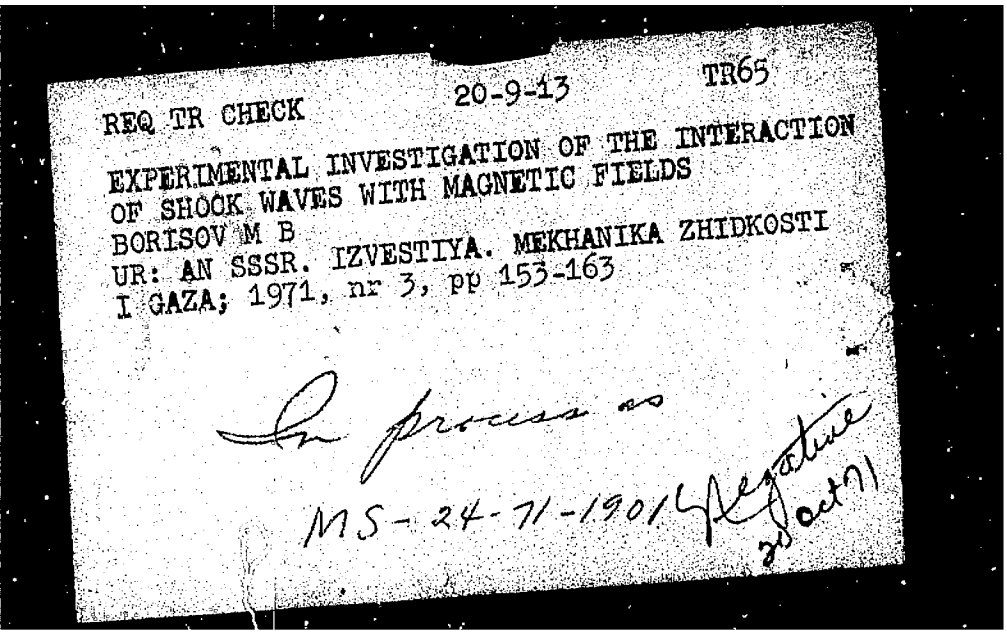

REQ TR CHECK 20-9-13 TR65

EXPERIMENTAL INVESTIGATION OF THE INTERACTION OF SHOCK WAVES WITH MAGNETIC FIELDS

BORISOV M B

UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA; 1971, nr 3, pp 153-163

In process as MS-24-71-1901 Negative 20 Oct 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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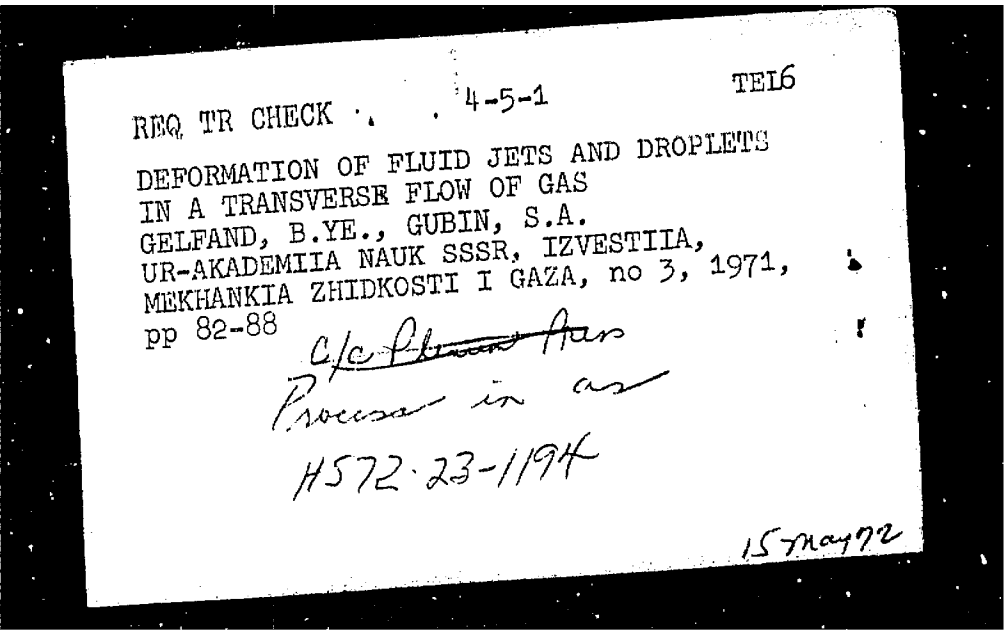

REQ TR CHECK 4-5-1 TEL6

DEFORMATION OF FLUID JETS AND DROPLETS
IN A TRANSVERSE FLOW OF GAS
GELFAND, B.YE., GUBIN, S.A.
UR-AKADEMIIA NAUK SSSR, IZVESTIIA,
MEKHANKIA ZHIDKOSTI I GAZA, no 3, 1971,
pp 82-88

C/c ~~Library of Congress~~
Process in as
H572.23-1194

15 may 72

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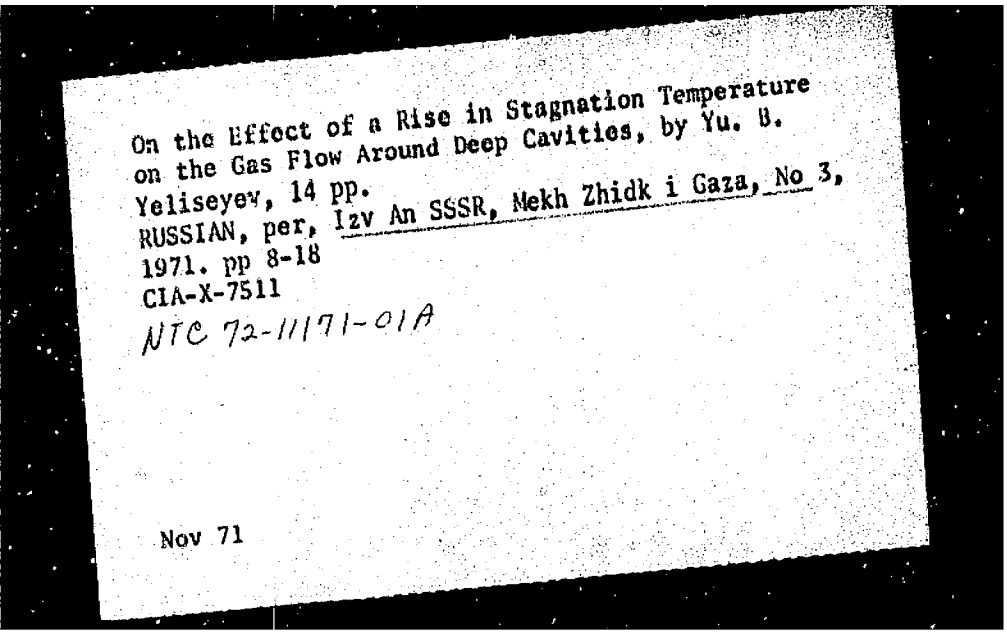

On the Effect of a Rise in Stagnation Temperature on the Gas Flow Around Deep Cavities, by Yu. B. Yeliseyev, 14 pp.
RUSSIAN, per, Izv An SSSR, Mekh Zhidk i Gaza, No 3, 1971. pp 8-18
CIA-X-7511
NTC 72-11171-01A

Nov 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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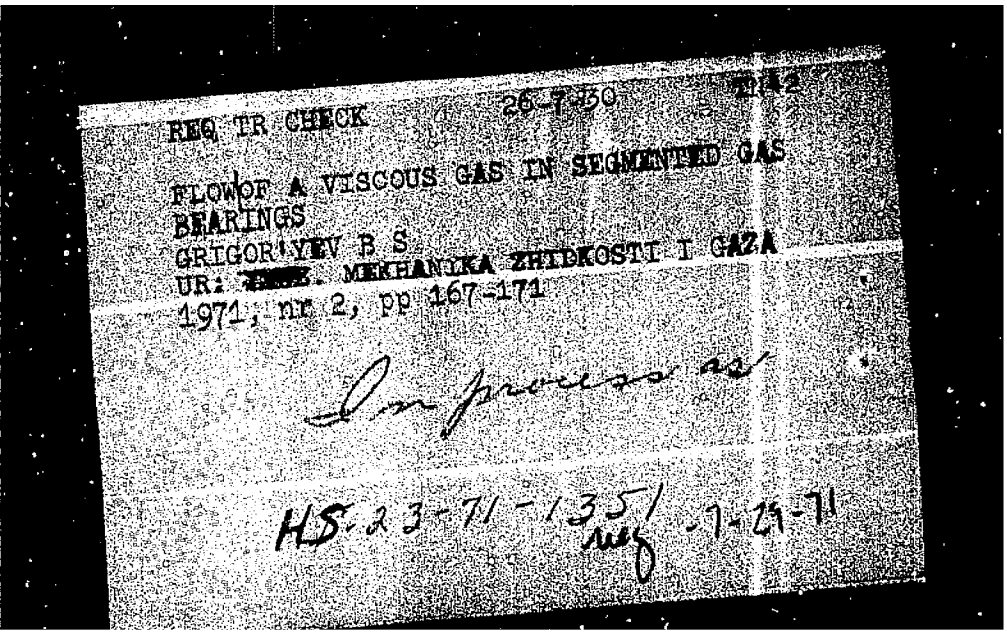

REQ TR CHECK 26 Jan 72

FLOW OF A VISCOUS GAS IN SEGMENTED GAS BEARINGS
GRIGOR'YEV B S
UR: [redacted] MEKHANIKA ZHIDKOSTI I GAZA
1971, nr 2, pp 167-171

HS-23-71-1351 -1-19-71

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APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

Nonequilibrium Viscous Flow of a Multicomponent Gas in the Neighborhood of the Stagnation Point of a Blunt Body, by V. G. Voronkin, 5 pp.
RUSSIAN, per, Izv AN SSSR, Mekhanika Zhidkosti i Gaza, No 2, 1971, pp 144-147.
X-7488

Sept 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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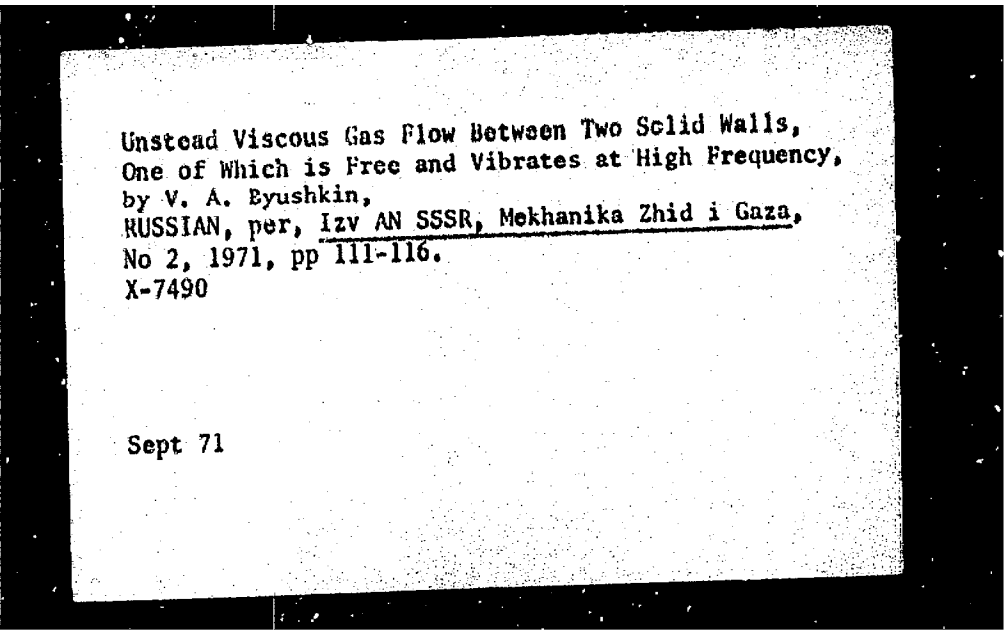

Unstead Viscous Gas Flow Between Two Solid Walls,
One of Which is Free and Vibrates at High Frequency,
by V. A. Byushkin,
RUSSIAN, per, Izv AN SSSR, Mekhanika Zhid i Gaza,
No 2, 1971, pp 111-116.
X-7490

Sept 71

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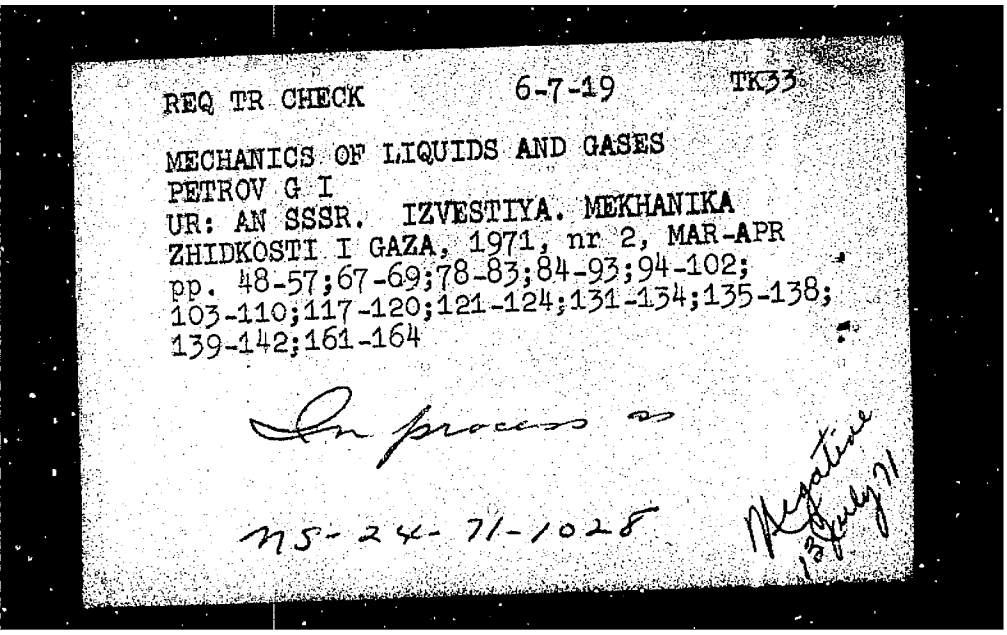

REQ TR CHECK 6-7-19 TK33

MECHANICS OF LIQUIDS AND GASES
PETROV G I
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 2, MAR-APR pp. 48-57;67-69;78-83;84-93;94-102; 103-110;117-120;121-124;131-134;135-138; 139-142;161-164

In process

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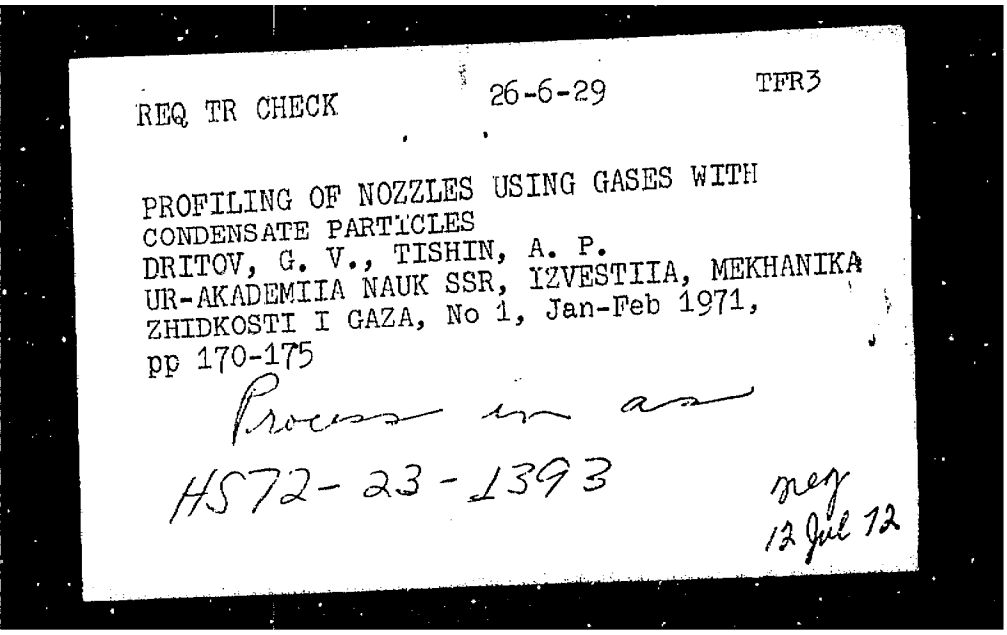

REQ TR CHECK 26-6-29 TFR3

PROFILING OF NOZZLES USING GASES WITH CONDENSATE PARTICLES
DRITOV, G. V., TISHIN, A. P.
UR-AKADEMIIA NAUK SSR, IZVESTIIA, MEKHANIKA ZHIDKOSTI I GAZA, No 1, Jan-Feb 1971, pp 170-175

Process in as

HS72-23-1393

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12 Jul 72

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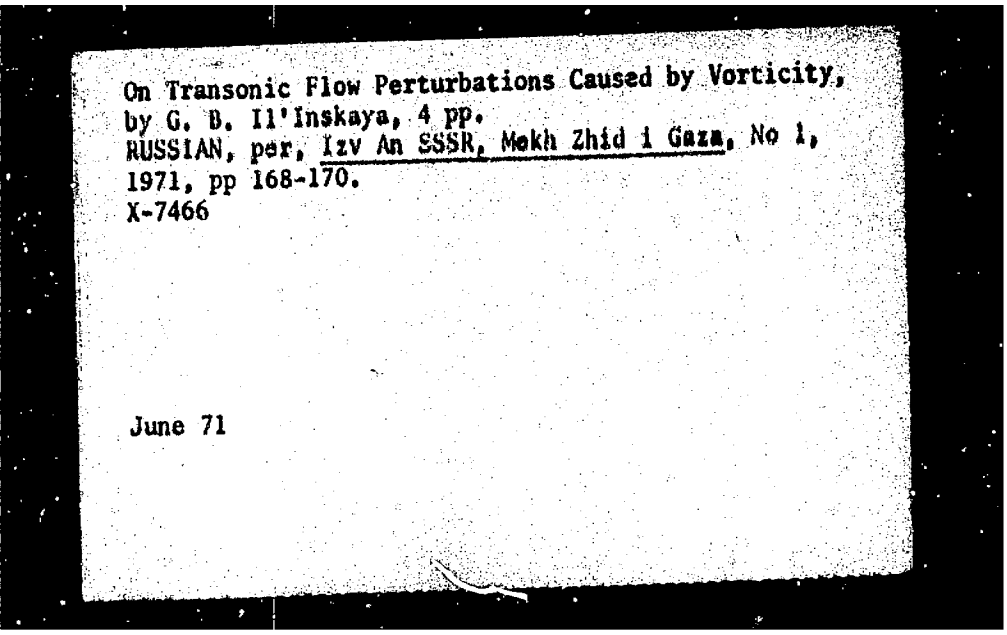

On Transonic Flow Perturbations Caused by Vorticity,
by G. B. Il'Inskaya, 4 pp.
RUSSIAN, per, Izv An SSSR, Mekh Zhid i Gaza, No 1,
1971, pp 168-170.
X-7466

June 71

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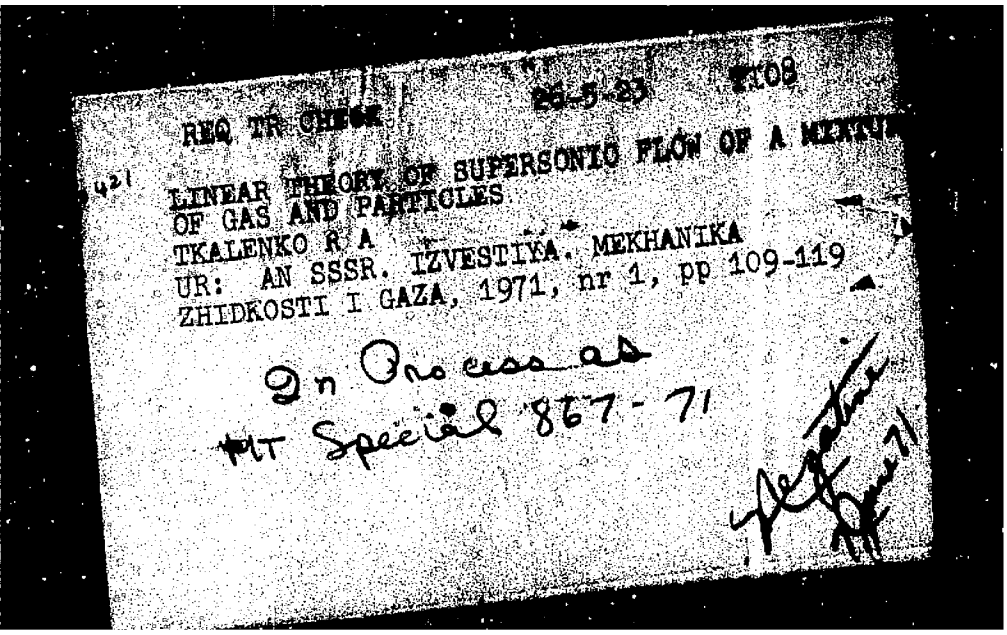

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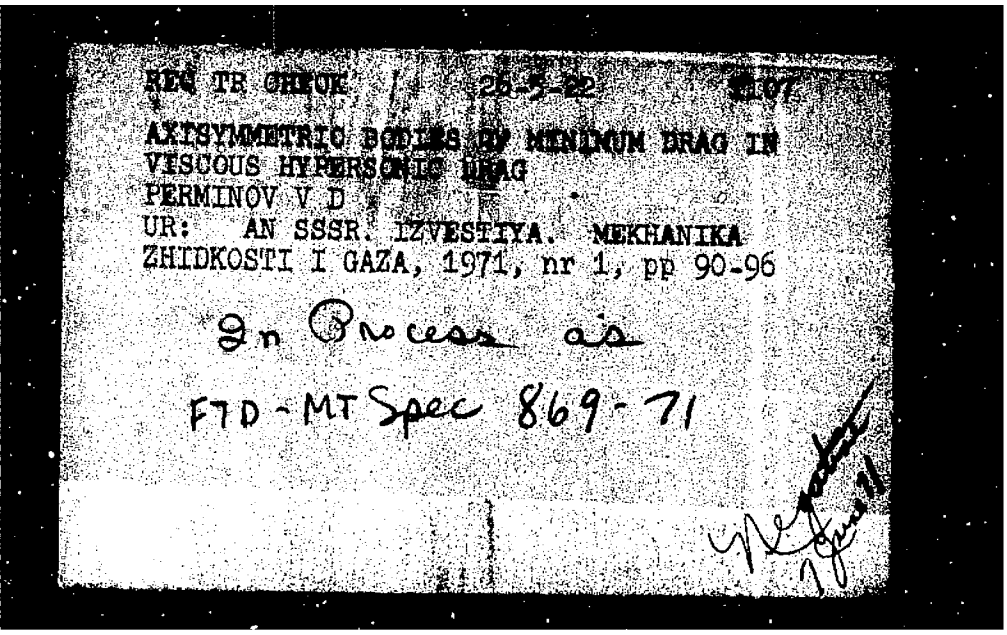

REQ TR CHECK / 25-5-72 2107

AXISYMMETRIC BODIES OF MINIMUM DRAG IN VISCOUS HYPERSONIC FLOW

PERMINOV V D

UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 1, pp 90-96

In Process as FTD-MT Spec 869-71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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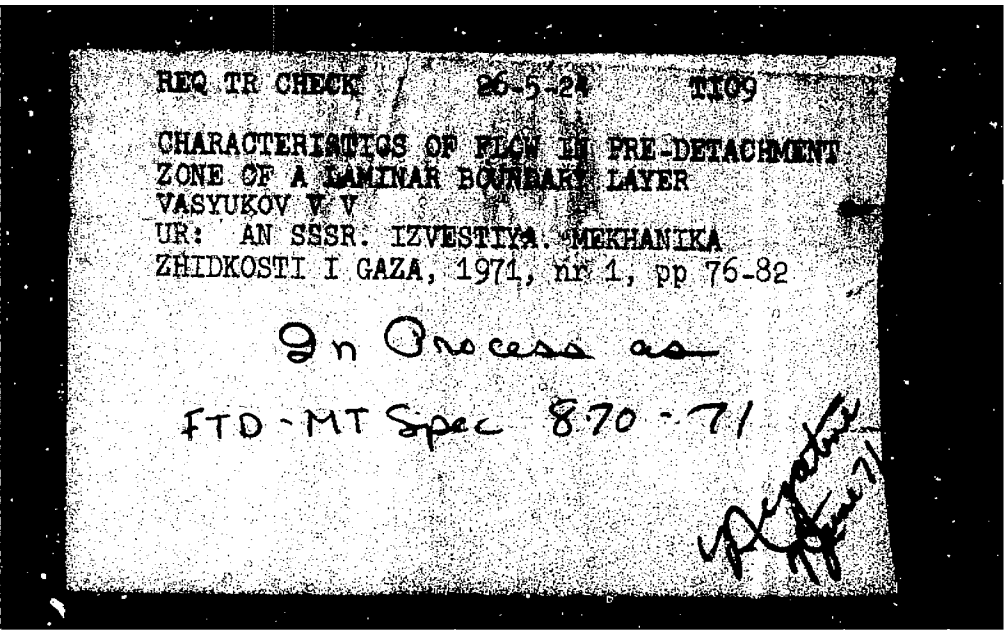

REQ TR CHECK / 26-5-24 TI09

CHARACTERISTICS OF FLOW IN PRE-DETACHMENT ZONE OF A LAMINAR BOUNDARY LAYER
VASYUKOV V V
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 1, pp 76-82

On Process as

FTD-MT Spec 870-71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

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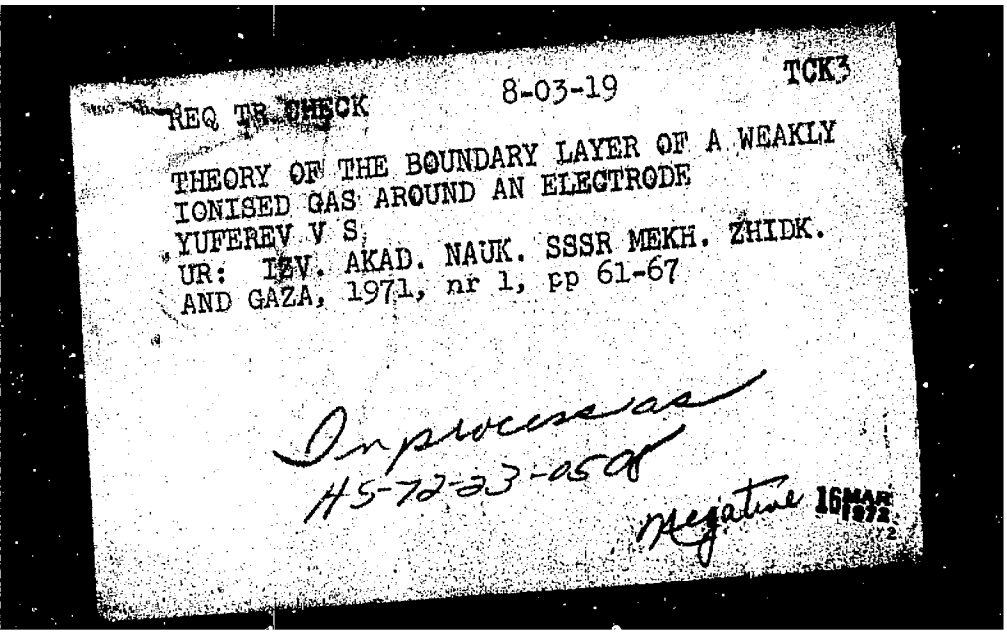
REQ TR CHECK 5-10-4 TS79

BOUNDARY LAYER EQUATIONS IN A RADIATING GAS
STULOV V P
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI
I GAZA. JAN-FEB 1971, pp 68-75

115-23-71-1738 Negative 20 Oct 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700051-2



REQ TR CHECK 8-03-19 TCK3

THEORY OF THE BOUNDARY LAYER OF A WEAKLY IONISED GAS AROUND AN ELECTRODE

YUFEREV V S

UR: IZV. AKAD. NAUK. SSSR MEKH. ZHIDK. AND GAZA, 1971, nr 1, pp 61-67

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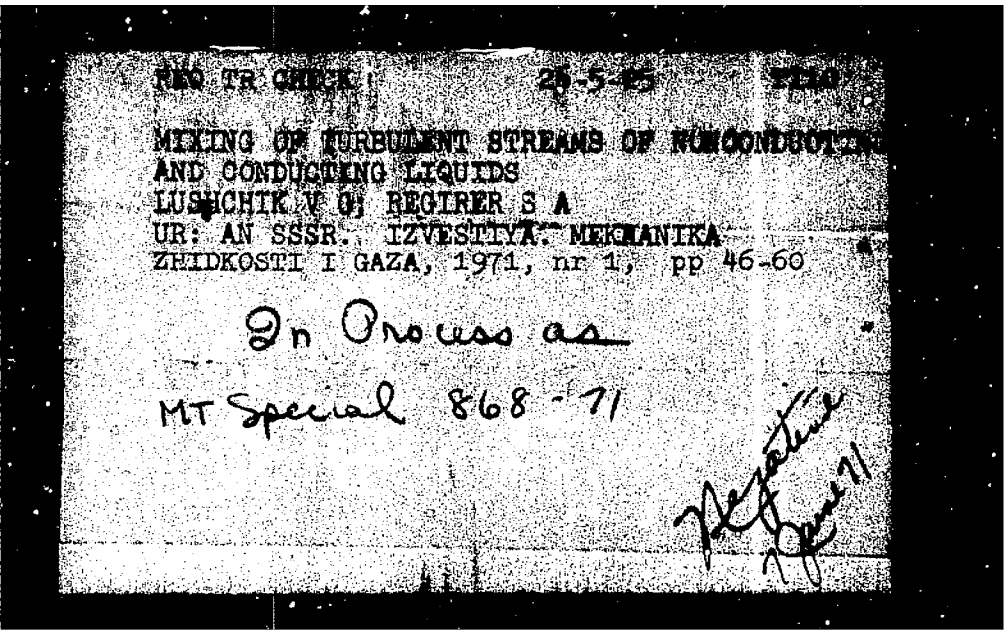

NRQ TR CHECK: 26-5-75

MIXING OF TURBULENT STREAMS OF NONCONDUCTING AND CONDUCTING LIQUIDS
LUSHCHIK V G; REGIRER S A
UR: AN SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA, 1971, nr 1, pp 46-60

In Process as
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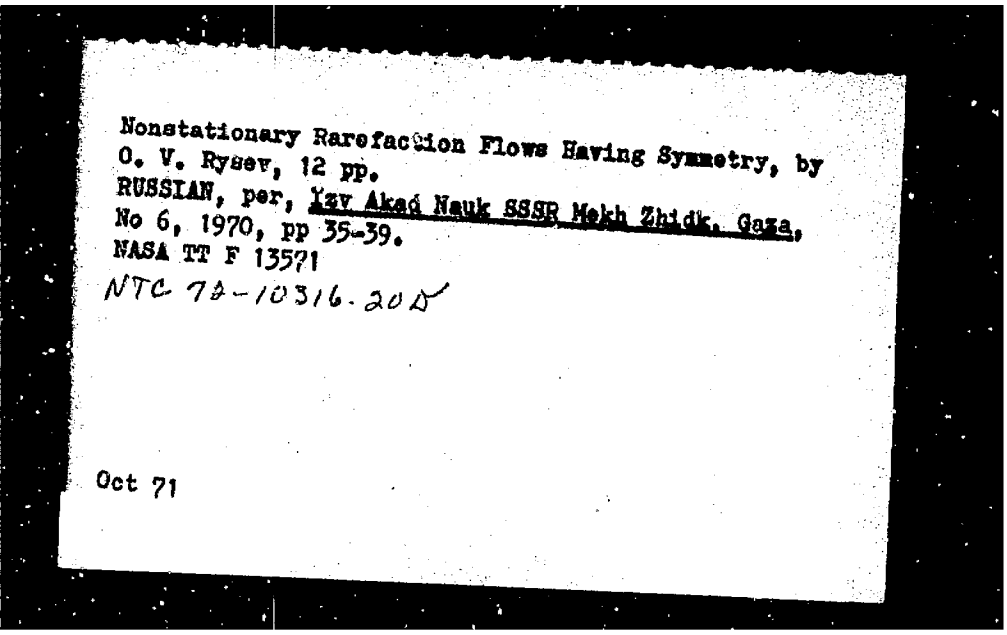

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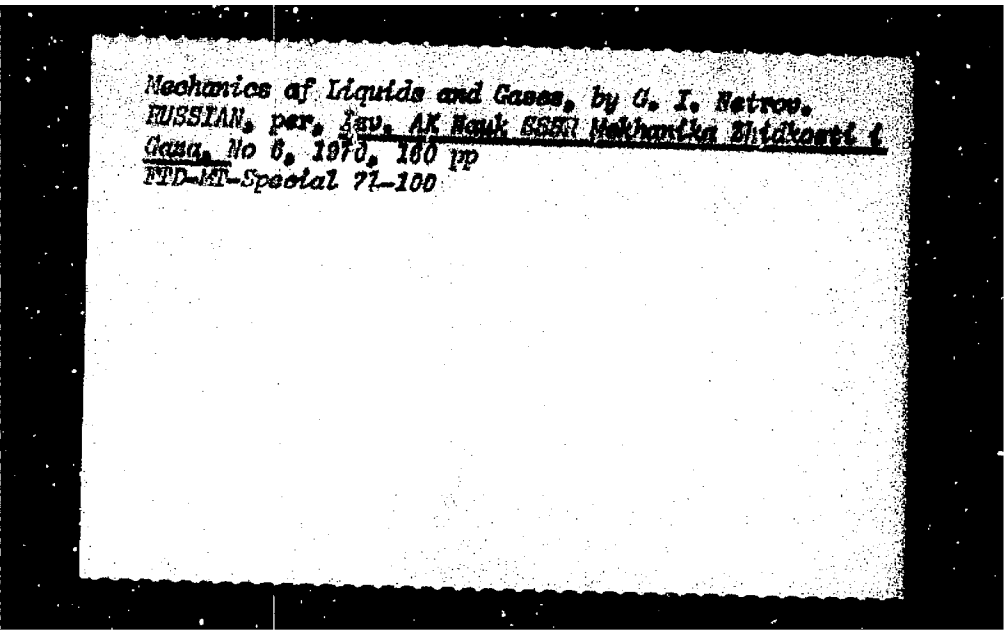
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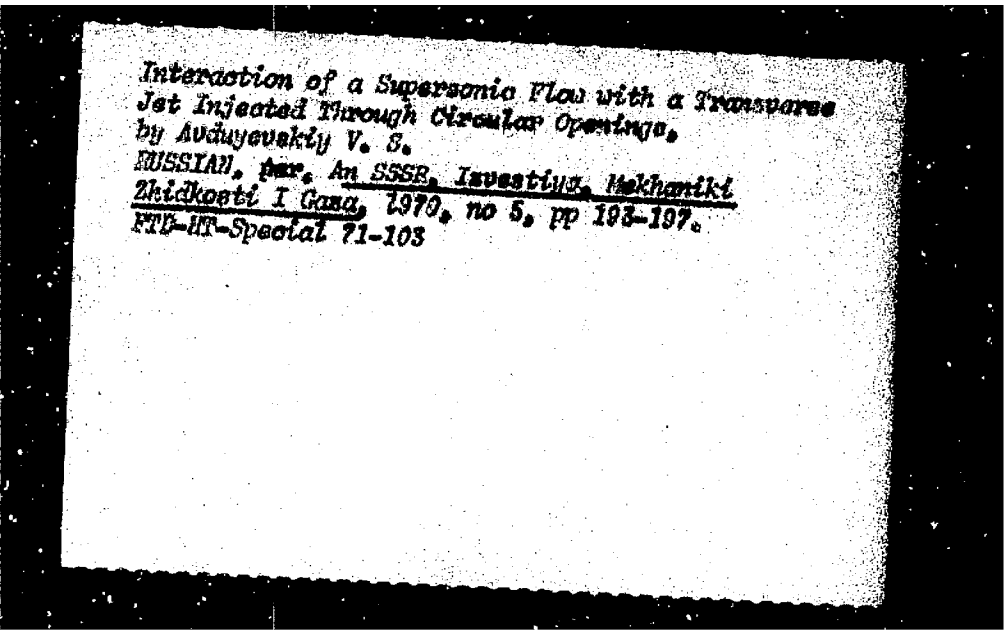

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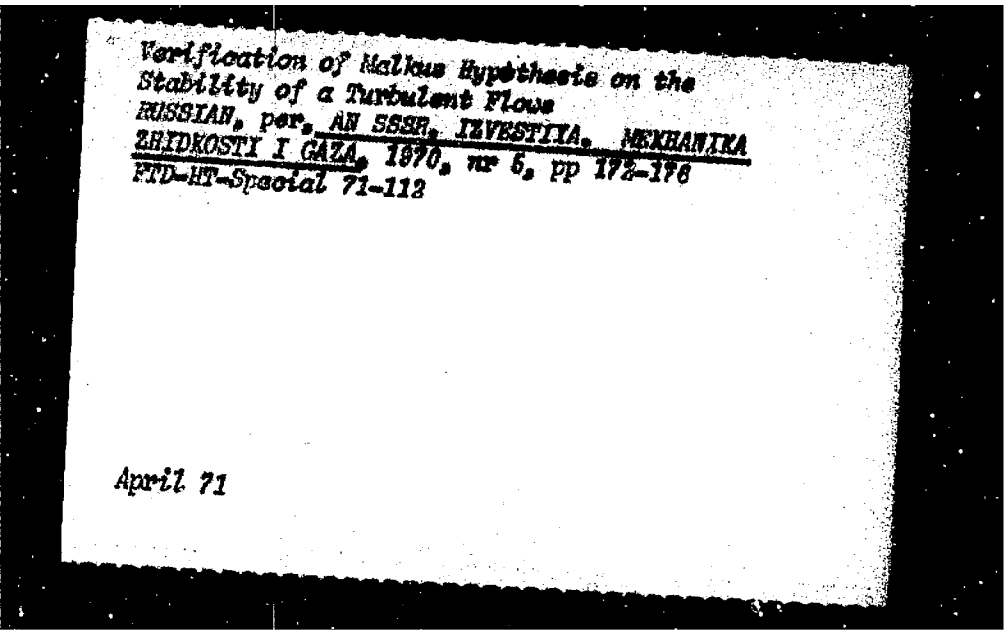

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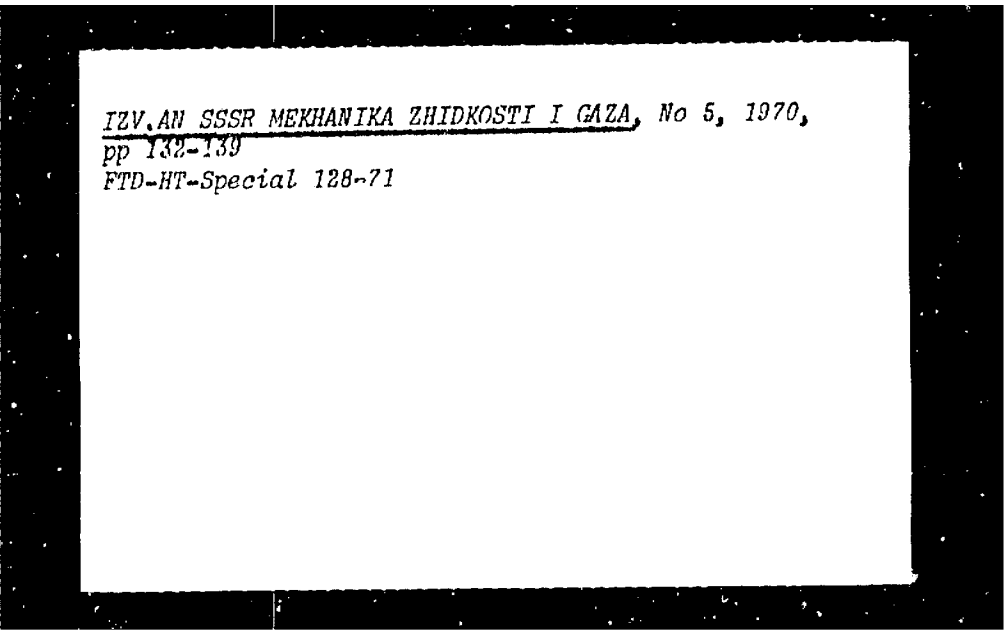

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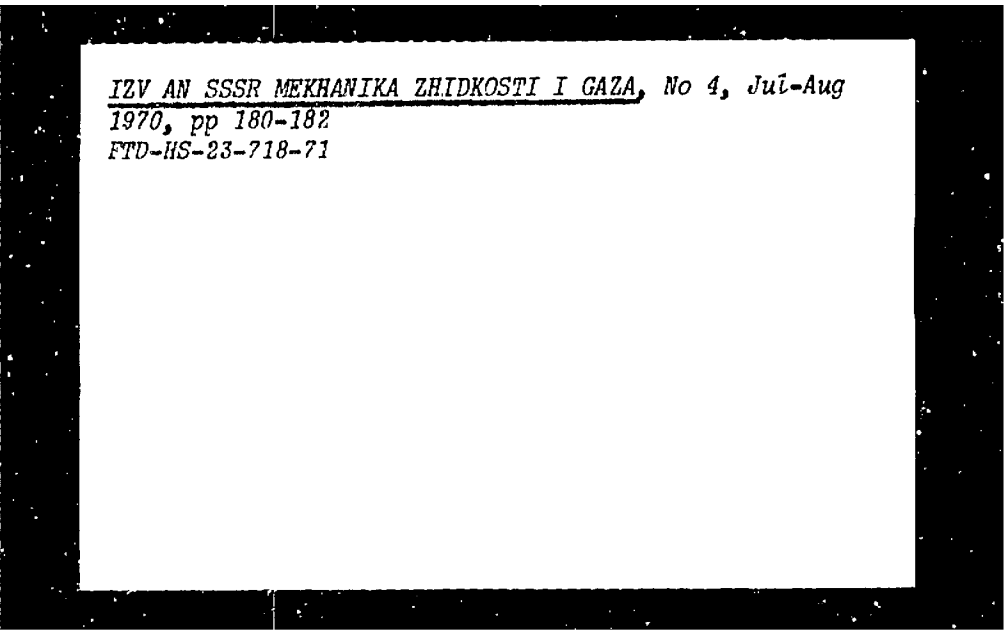

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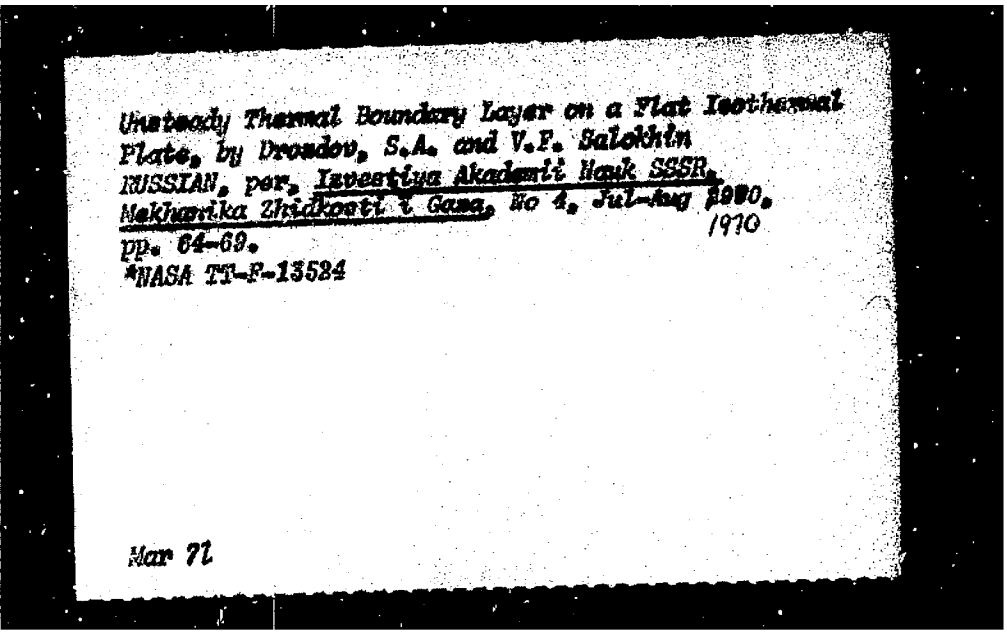

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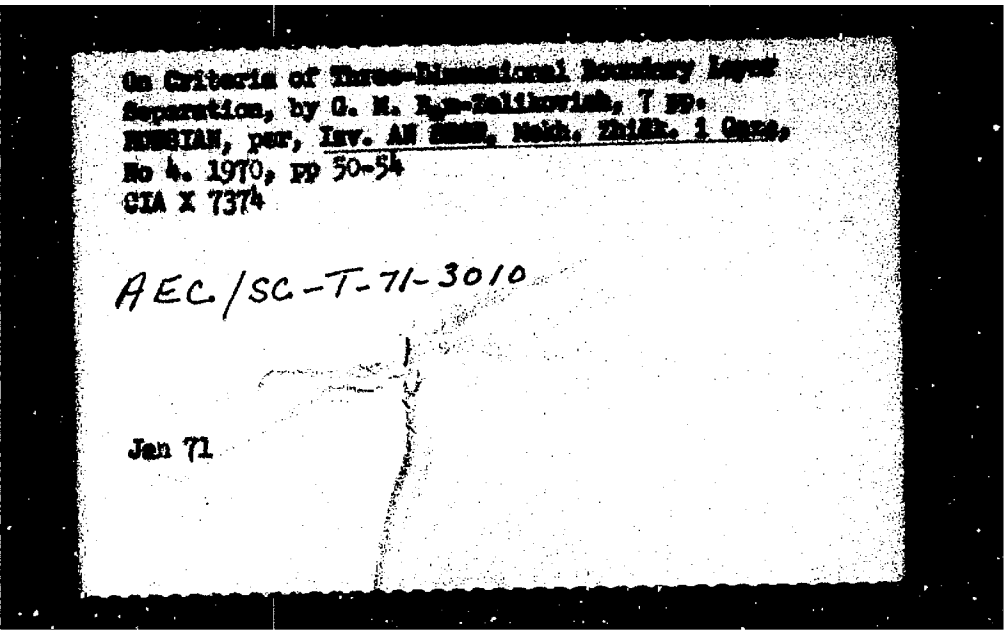

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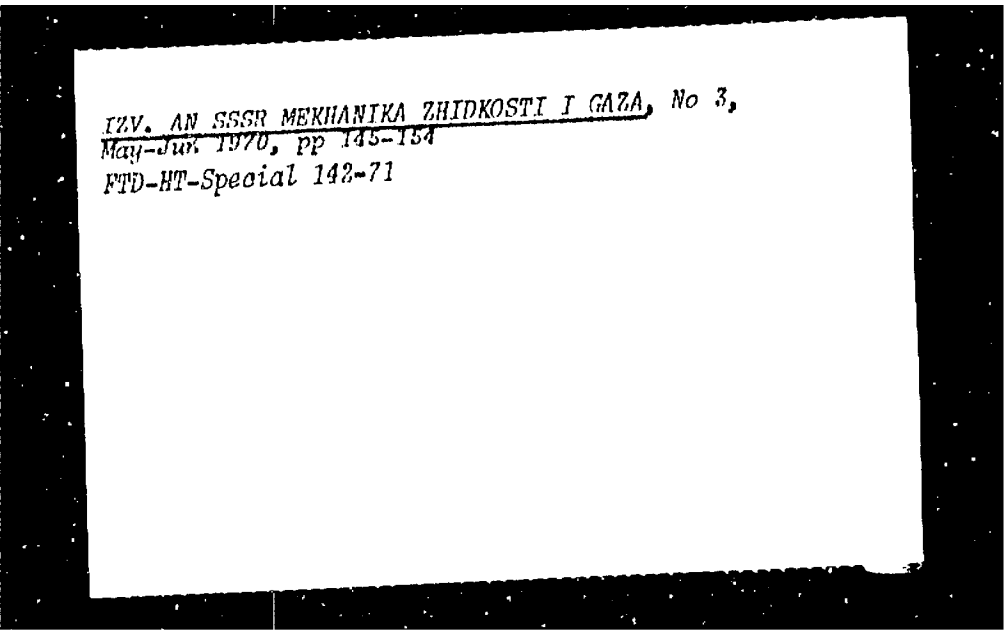

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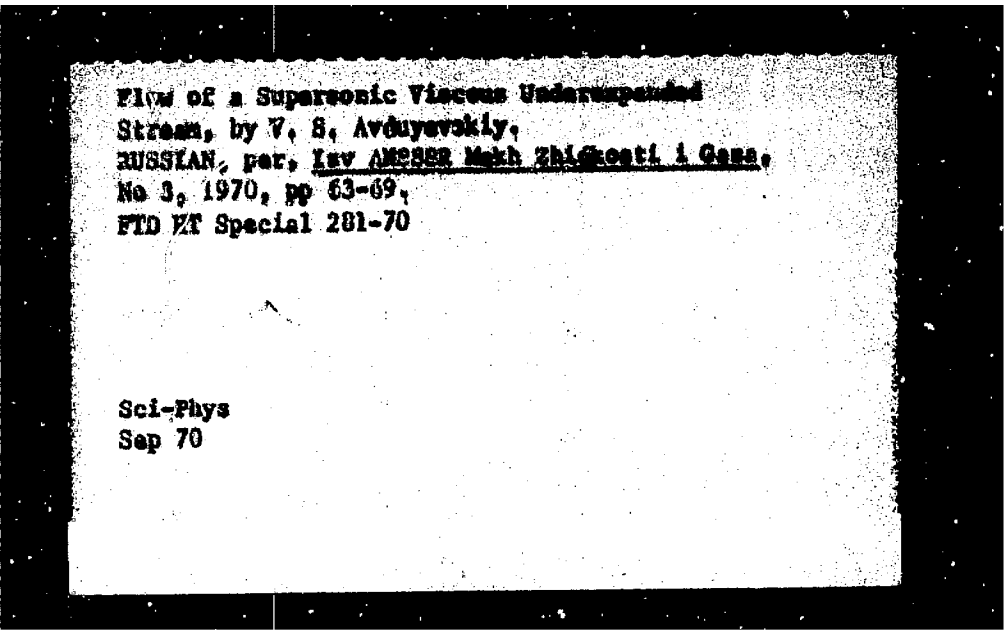

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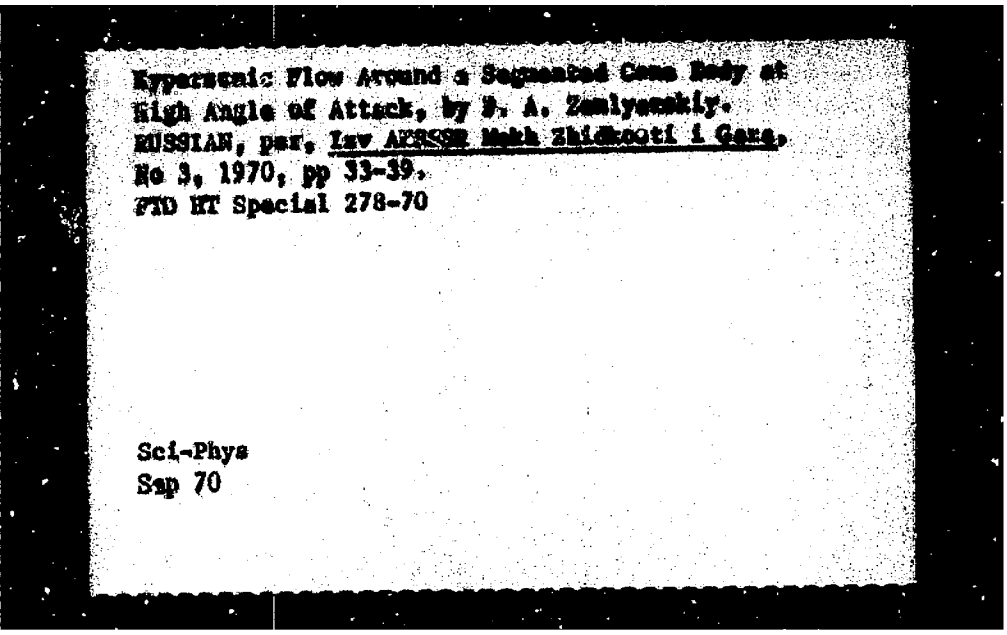

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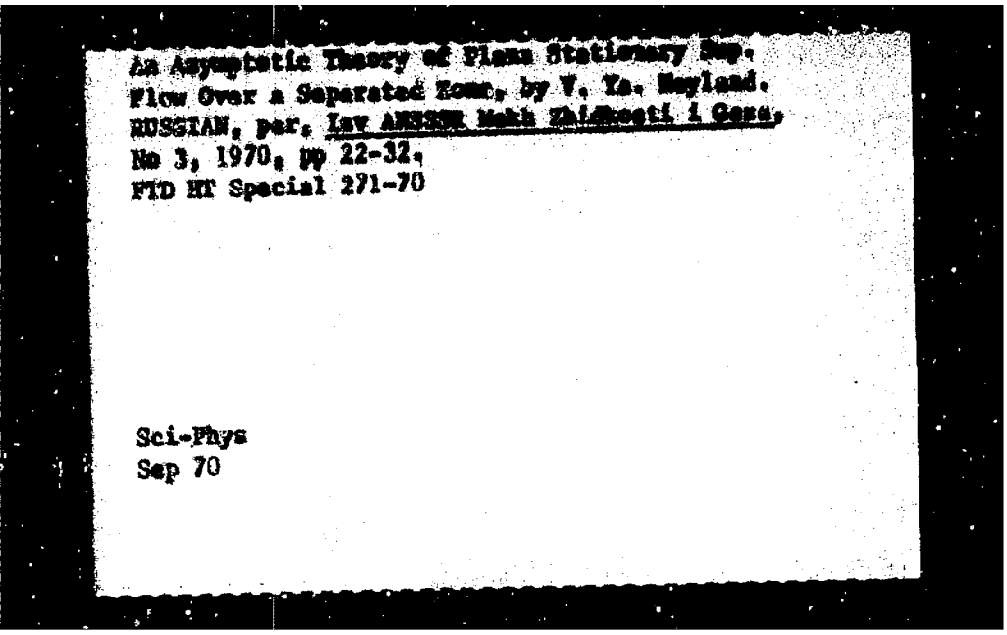

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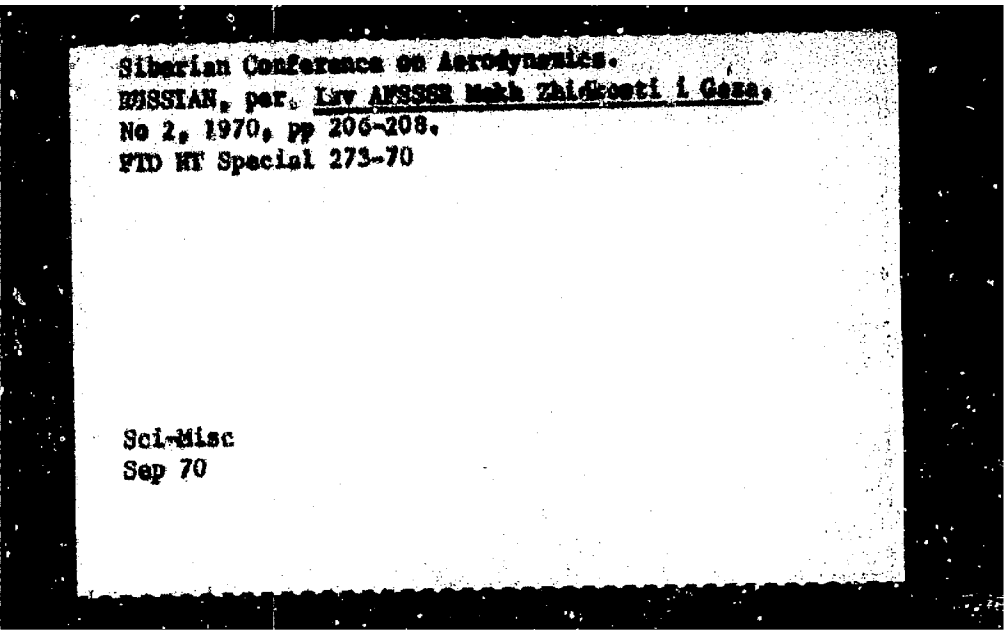
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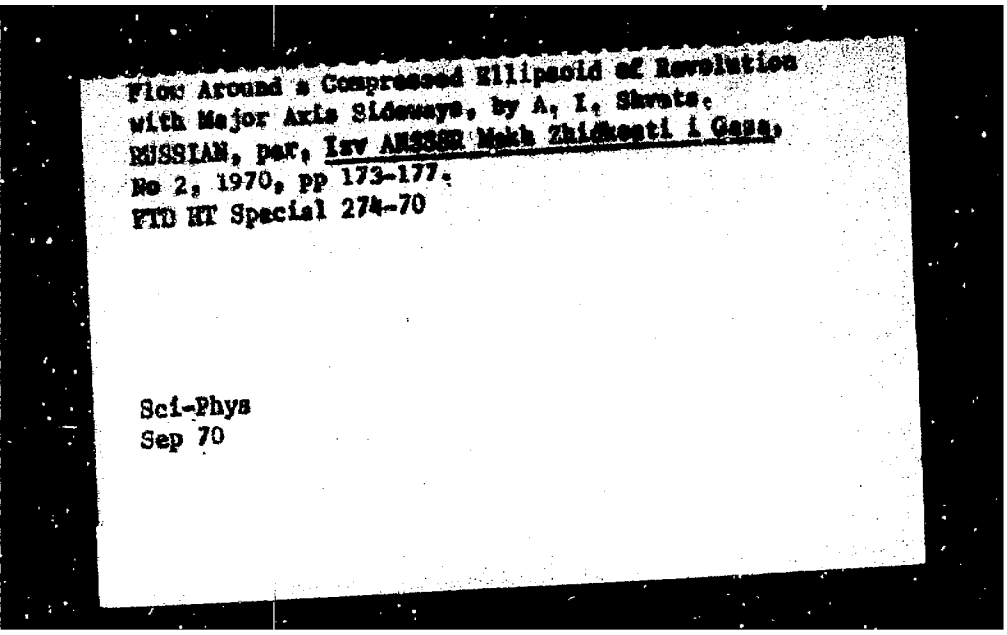

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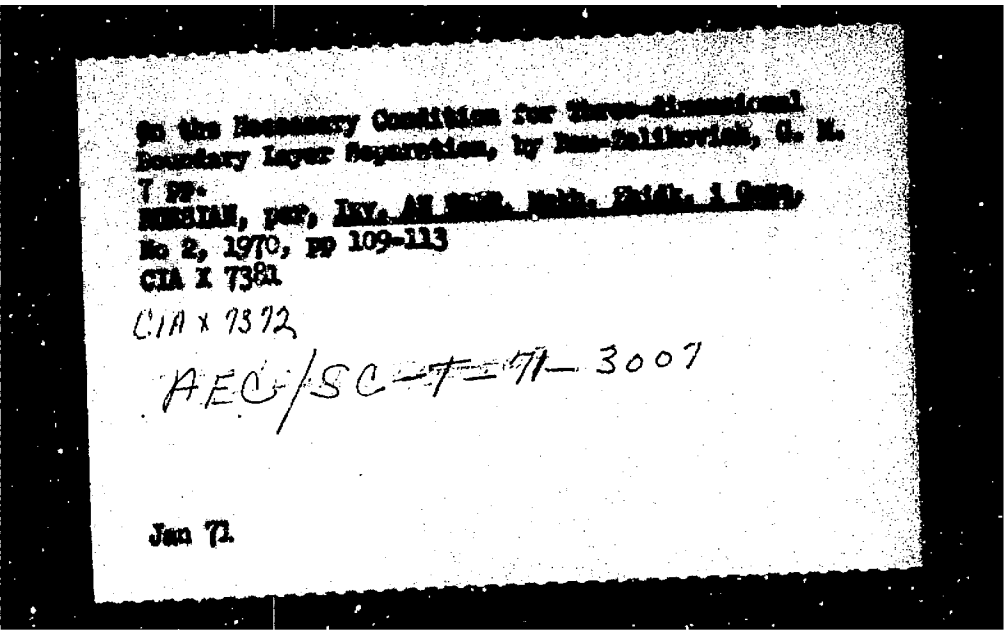

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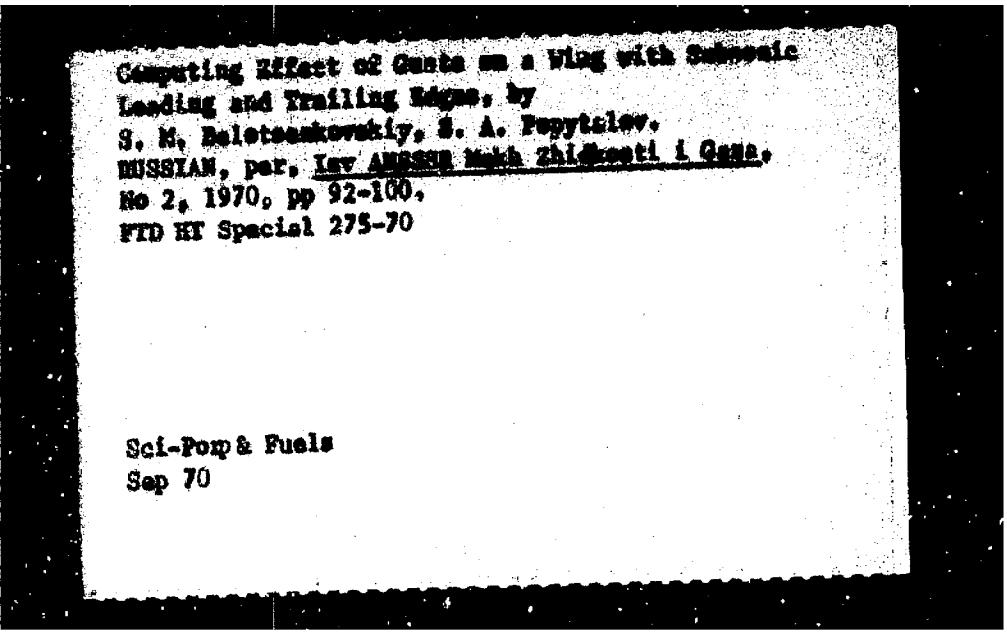

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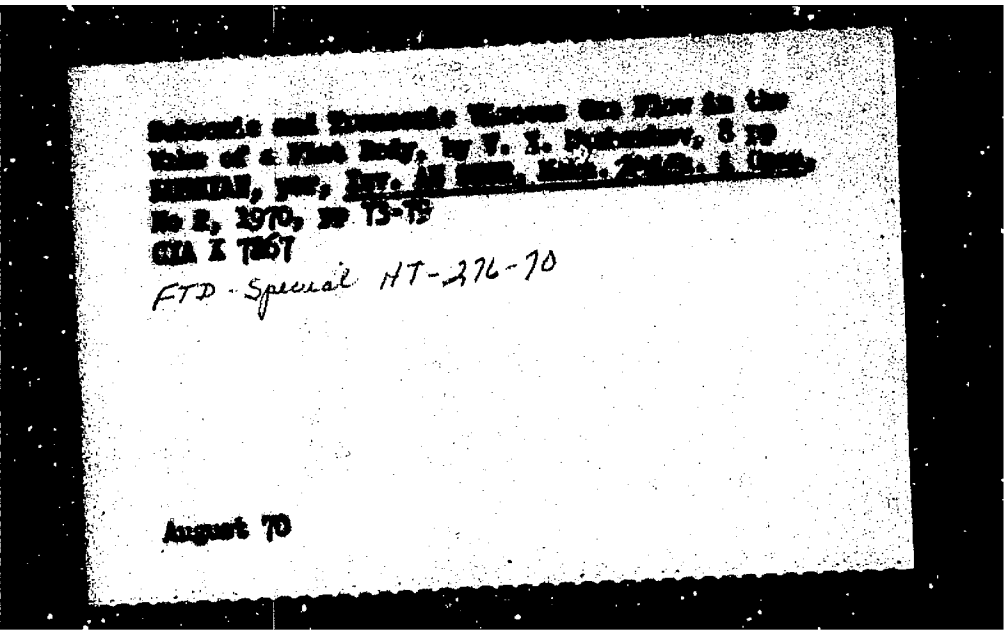

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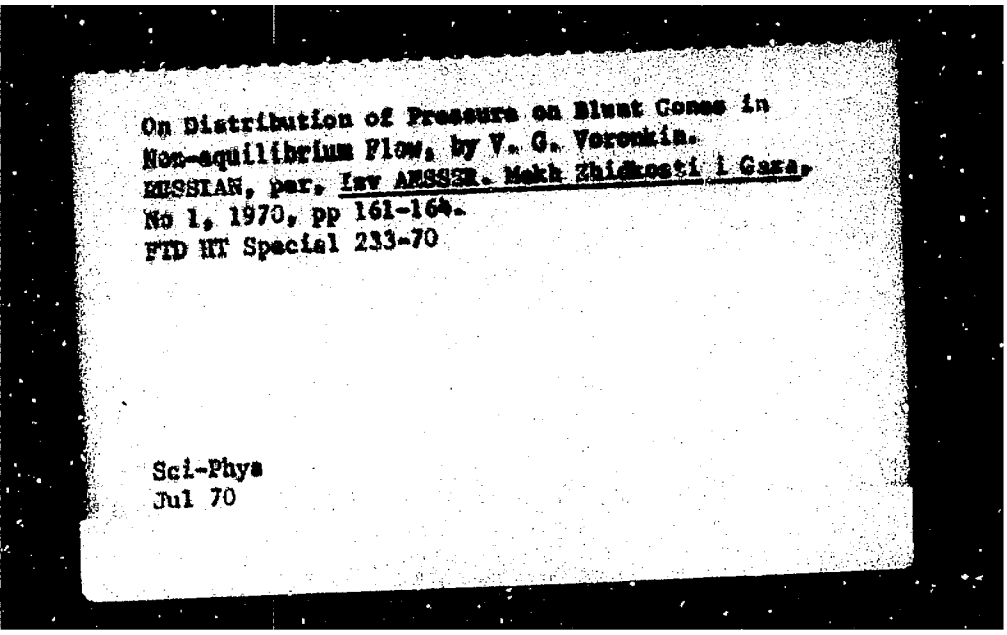

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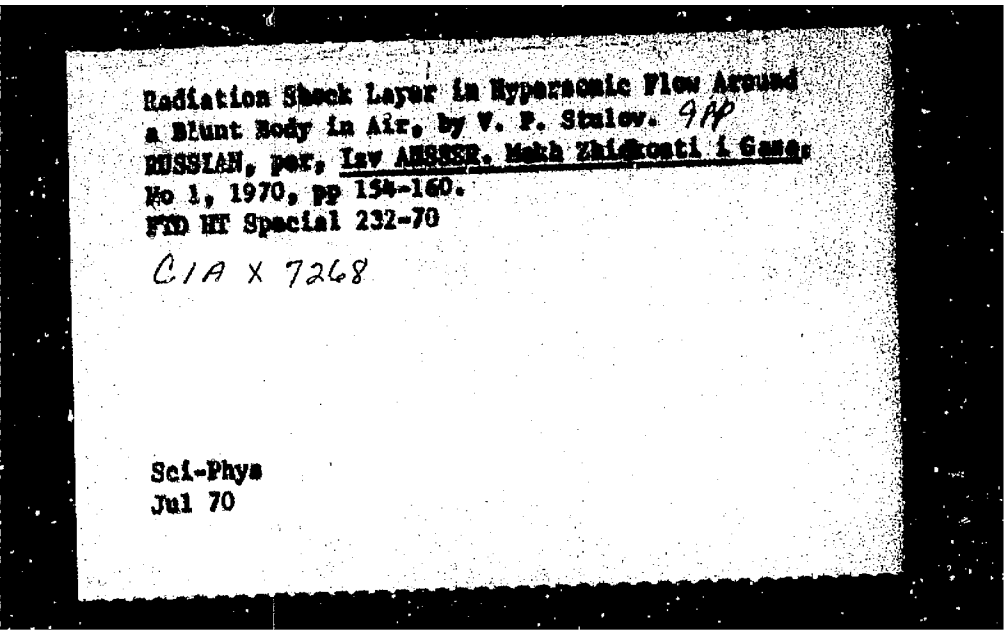

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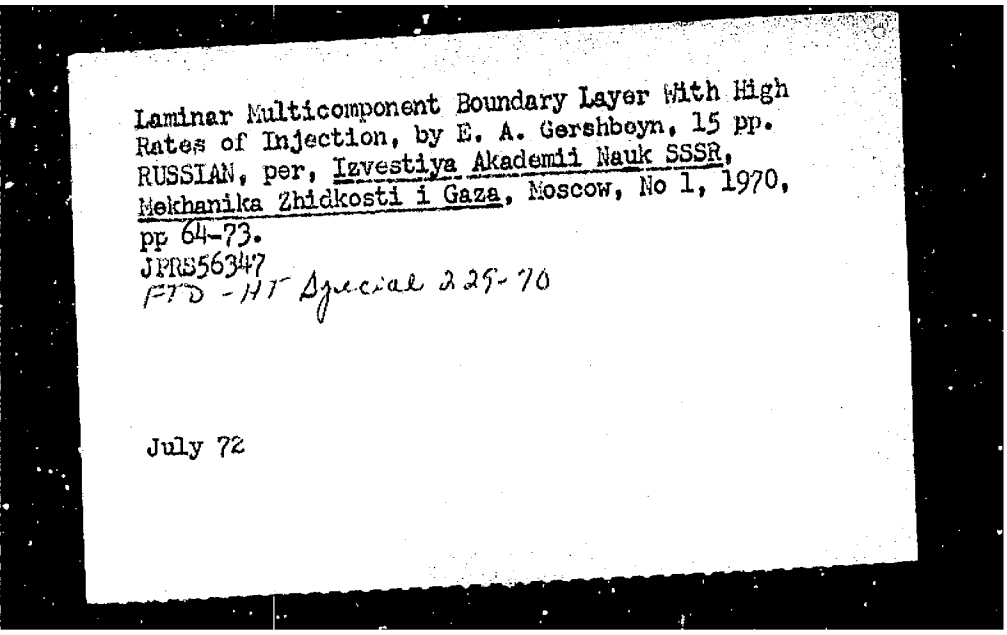

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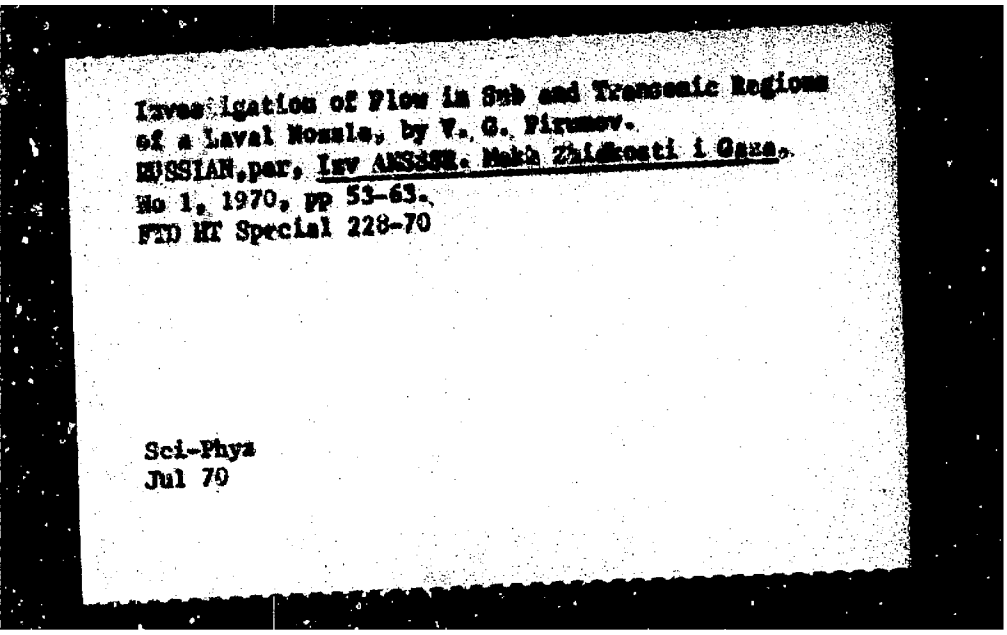

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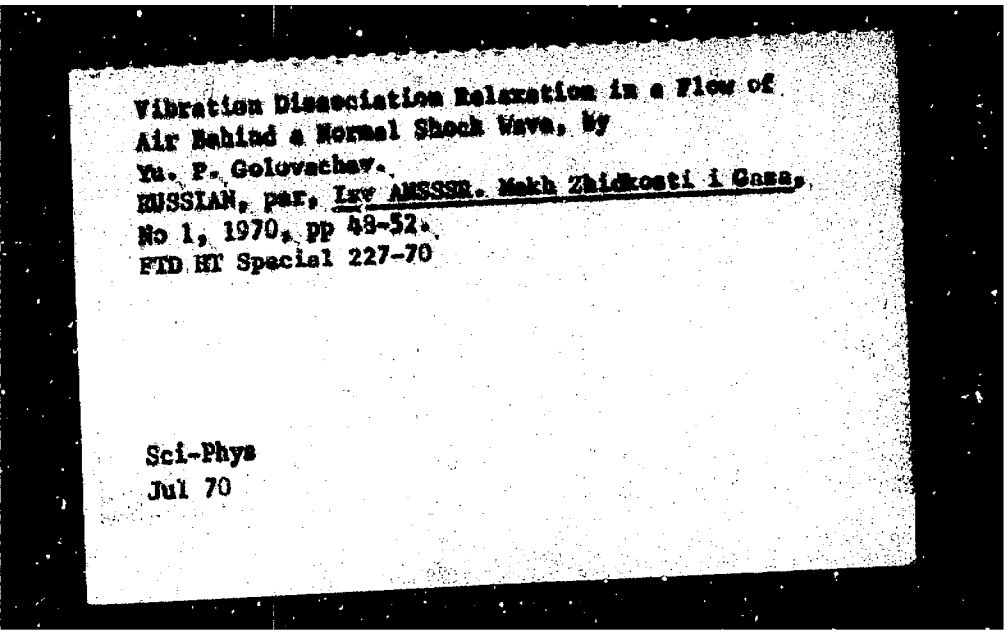
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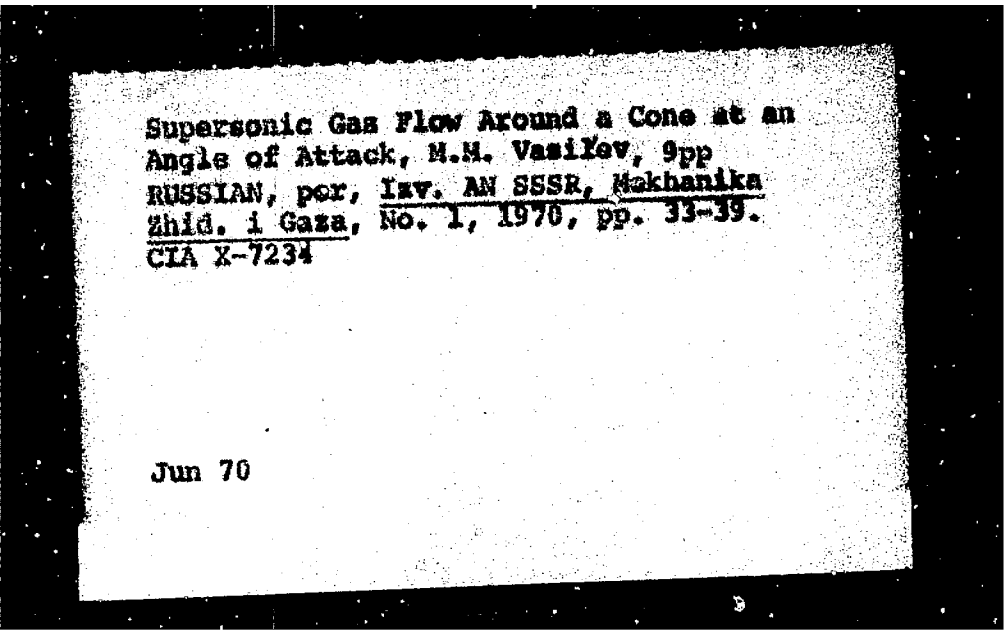

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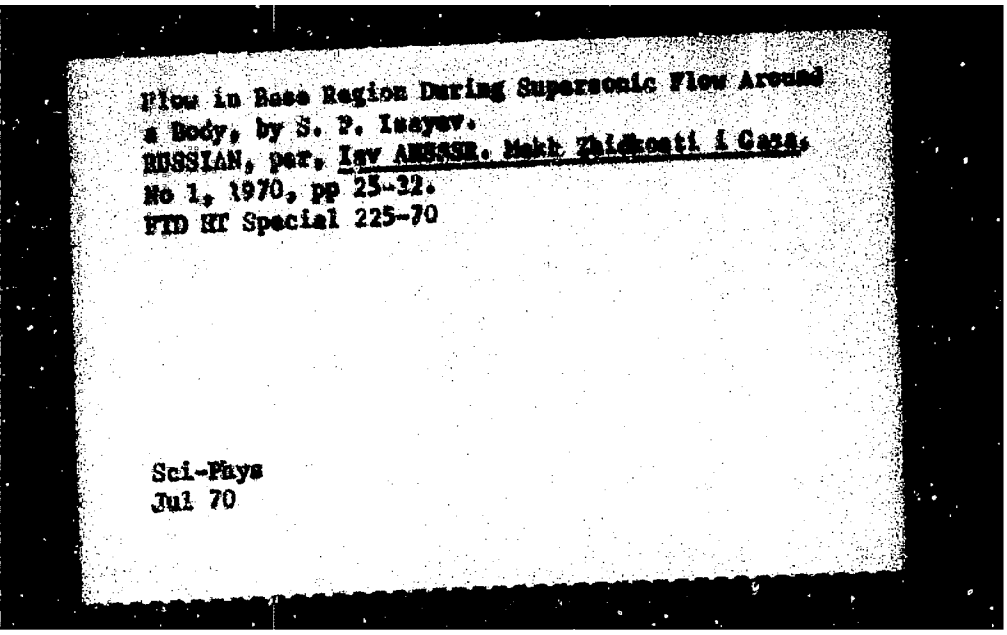

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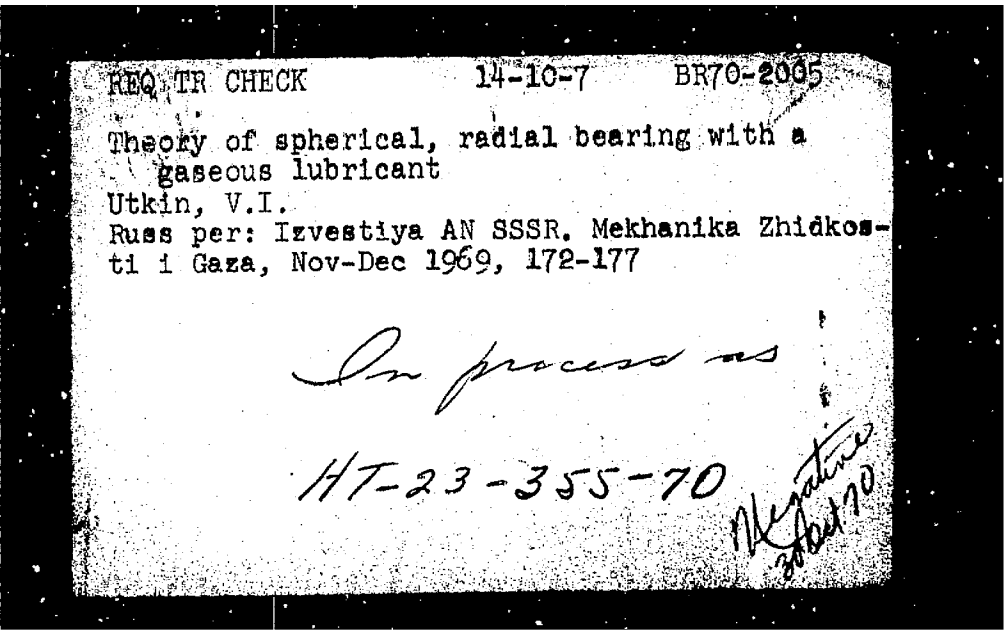

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